

AMENDMENTS TO THE DRAWINGS

The attached sheets of formal drawings include changes to FIGS. 6, 7, 8, 10, 15 and 16 that were submitted in the Office Action dated July 12, 2004. These sheets of formal drawings replace the original sheets including FIGS. 6, 7, 8, 10, 15 and 16.

As noted in item 3 of the Office Action dated October 11, 2005, the Examiner approves the changes made in the informal drawing replacement sheets submitted on July 12, 2004. The present formal drawing replacement sheets embody the changes approved by the Examiner.

REMARKS/ARGUMENTS

In response to the Office Action dated October 11, 2005, claim 17 is amended. Claims 10-17 are now active in this application. No new matter has been added.

The indication that claims 10-16 are allowable is acknowledged and appreciated.

REJECTION OF CLAIM 17 UNDER 35 U.S.C. § 101

Claims 17 is rejected under 35 U.S.C. §101, as being directed to non-statutory subject matter. The Examiner maintains that "The series of method steps appears to be absent hardware to accomplish the steps or does not recite how the steps are implemented.

By this response, claim 17 is amended to recite:

A data map forming method comprising:

using a processing unit to extract a plurality of values of predetermined references related to a plurality of first records on a basic data sheet in which - the plurality of first records including a plurality of different items of document numbers identified under plain names can be stored in a listed state to list the values as first simple codes in a predetermined arrangement order;

using the processing unit to extract a plurality of values of predetermined references having a viewpoint different from the viewpoint of the first simple codes to list the values as second simple codes in a predetermined arrangement order;

using the processing unit to classify the first records by the first simple codes corresponding to the values on the basis of numeral values of the plurality of first records on the basic data sheet or first specific items constituted by character strings;

using the processing unit to classify the first records by second simple codes corresponding to the values on the basis of values of second specific items of the plurality of first records on the basic data sheet;

rearranging the plurality of first records on the basic data sheet by the predetermined references while giving priority to the first simple codes and rearranging the second simple codes;

arranging the second simple codes on a map sheet in an order of a list on a right side in a horizontal direction in such a state that an interval is opened in a vertical column on at least a left side;

sequentially acquiring the specific items of the first records, the first simple codes, and the second simple codes in the order of the first records rearranged by the first simple codes;

using the processing unit to determine vertical direction positions on the map sheet by the first simple codes and horizontal direction position on the map sheet by the second simple codes in the acquisition order;

using the processing unit to arrange the specific items at positions where the vertical direction positions and the horizontal direction positions cross, and arranging the first simple codes on the left column opened by second simple code parallel arrangement means;

using the processing unit to form a matrix-like map sheet; and

outputting the matrix-like map sheet to a display system.

Thus, amended claim 17 is directed to non-statutory subject matter. Consequently, the allowance of amended claim 17 is respectfully solicited.

CONCLUSION

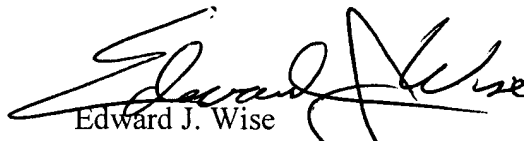
Accordingly, it is urged that the application, as now amended, is in condition for allowance, an indication of which is respectfully solicited. If there are any outstanding issues that might be resolved by an interview or an Examiner's amendment, Examiner is requested to call Applicants' attorney at the telephone number shown below.

09/813,799

To the extent necessary, a petition for an extension of time under 37 C.F.R. 1.136 is hereby made. Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account 500417 and please credit any excess fees to such deposit account.

Respectfully submitted,

McDERMOTT WILL & EMERY LLP



Edward J. Wise
Registration No. 34,523

600 13th Street, N.W.
Washington, DC 20005-3096
Phone: 202.756.8000 EJW:cac
Facsimile: 202.756.8087
Date: **January 11, 2006**

**Please recognize our Customer No. 20277
as our correspondence address.**